



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

## NOTICE OF ACCEPTANCE (NOA)

McGee Corporation  
P.O. Box 1375  
Matthews, NC 28106-1375

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION:** 0.0396" (min.) Steel Deck (3" x 16") Panel for Canopy

**APPROVAL DOCUMENT:** Drawing No. PDCTS001, titled "Steel Deck Test Specimen", sheets 1 through 4 of 4, prepared by McGee Corporation, dated August 15, 2012, signed and sealed by Larry Russell Brock, Jr., P.E., on August 15, 2012, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** None

**LABELING:** Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # 11-0120.01 and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



*Helmy A. Makar*  
01/31/2013

NOA No. 12-0305.19  
Expiration Date: 05/05/2017  
Approval Date: 01/31/2013  
Page 1

**McGee Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #95-1204.04**

**A. DRAWINGS**

Title: 3" x 16" Steel Deck Test Specimen  
Number: PDCTS001  
Signature: Charles N. Sigmon, P.E.  
Date: 10/31/95  
Revision Date: 11/22/95 and 02/01/96

**B. TESTS**

Laboratory: Construction Research Laboratory  
Number: 6260  
Type: Uniform static air pressure wind load per PA 202-94 and live load.  
Signature: Vipin Tolat, P.E.  
Date: 11/07/95 through 11/17/95

Laboratory: Hurricane Engineering and Testing Inc.  
Number: HETI 95-T105  
Type: Tensile Test ASTM E 8-93  
Signature: Hector M. Medina, P.E.  
Date: 11/13/95

**C. CALCULATIONS**

Title: 3" x 16" Steel Deck Test  
Signature: Charles N. Sigmon, P.E.  
Date: 10/25/95  
Revision: 11/29/95 and 02/01/96

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #99-0323.07**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. MATERIAL CERTIFICATIONS**

1. *None.*



Helmy A. Makar, P.E., M.S.  
Product Control Unit Supervisor  
NOA No. 12-0305.19  
Expiration Date: 05/05/2017  
Approval Date: 01/31/2013

**McGee Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #05-0128.01**

**A. DRAWINGS**

1. *Drawing No. PDCTS001, titled " Steel Deck Test Specimen ", sheets 1 through 4 of 4, prepared by C. N. Sigmon, P.E., dated January 31, 1996, signed and sealed by C. N. Sigmon, P.E., on April 08, 2005,*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATION:**

1. *None.*

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #10-0208.01**

**A. DRAWINGS**

1. *Drawing No. PDCTS001, titled " Steel Deck Test Specimen ", sheets 1 through 4 of 4, prepared by C. N. Sigmon, P.E., dated January 31, 1996, last revision dated October 18, 2010, signed and sealed by C. N. Sigmon, P.E.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

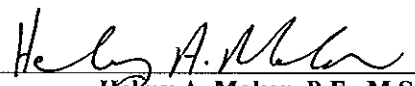
1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATION:**

1. *None.*



Helmy A. Makar, P.E., M.S.  
Product Control Unit Supervisor  
NOA No. 12-0305.19  
Expiration Date: 05/05/2017  
Approval Date: 01/31/2013

**McGee Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 11-0120.01**

**A. DRAWINGS**

*1. None.*

**B. TESTS**

*1. None.*

**C. CALCULATIONS**

*1. None.*

**D. QUALITY ASSURANCE**

*1. By Miami-Dade County Building and Neighborhood Compliance Department.*

**E. MATERIAL CERTIFICATION:**

*1. None.*

**6. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

*1. Drawing No. PDCTS001, titled " Steel Deck Test Specimen ", sheets 1 through 4 of 4, prepared by McGee Corporation, dated August 15, 2012, signed and sealed by Larry Russell Brock, Jr., P.E., on August 15, 2012.*

**B. TESTS**

*1. Uniform static air pressure wind load per PA 202-94, and tensile Test, prepared by Construction Research Laboratory, report numbers 7374 & 7374A, dated 01/24/2011, signed and sealed by Nariman S. Balsara, P.E.*

**C. CALCULATIONS**

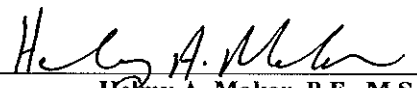
*1. None.*

**D. QUALITY ASSURANCE**

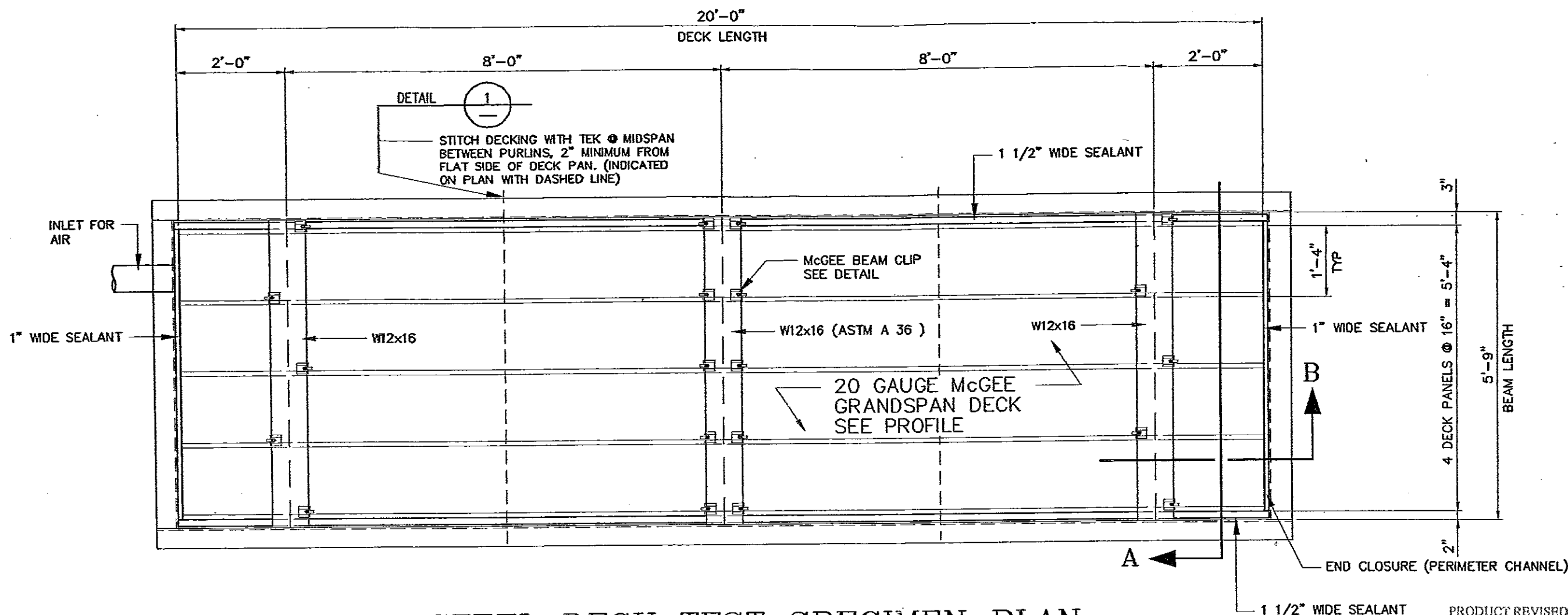
*1. By Miami-Dade County Building and Neighborhood Compliance Department.*

**E. MATERIAL CERTIFICATION:**

*1. None.*



**Helmy A. Makar, P.E., M.S.**  
**Product Control Unit Supervisor**  
**NOA No. 12-0305.19**  
**Expiration Date: 05/05/2017**  
**Approval Date: 01/31/2013**



## STEEL DECK TEST SPECIMEN PLAN

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0305.19  
Expiration Date 05/05/2017  
By *Healy A. Mc*  
Miami Dade Product Control

### TEST SPECIFICATIONS

FLORIDA BUILDING CODE, 2010 ED.

ASCE 7-10

CALCULATED PRESSURE =  $\pm 64$  PSF

TEST PRESSURE =  $\pm 128$  PSF

LIVE LOAD TEST PRESSURE = +60 PSF

THE PANEL SPAN DESIGN OF EACH  
ACTUAL CANOPY PROJECT SHALL BE IN  
COMPLIANCE WITH ALL OF THE ALLOWABLES  
LISTED ON SHEET No. 4.

+ = DOWNWARD LOAD  
- = UPWARD LOAD

CANOPY SHIPPING MANIFEST		TOP PLATE	BASE PLATE	PLATE DRAINS	W/S & CONDUIT	VENT
3	BM-1 W12x16 (5'-8")					
2	BM-2 MC8x8.5 (20'-5 3/4")					
2	BM-3 MC8x8.5 (5'-8")					

**McGEE**  
CORPORATION  
12701 East Independence  
Blvd. P.O. Box 1375  
Matthews, NC 28106-1375  
Phone: (704) 882-1500  
Watts: (800) 526-5589

ENGINEER: NAME/FLORIDA STATE REG. #  
LARRY RUSSELL BROCK JR. / No. 55570

DRAWING NO.  
PDCTS001

McGee Corporation Test  
Construction Research Laboratory  
Dade County, Florida

SCALE:  
DATE: 8/15/2012

DRAWN BY: CAO  
CHK'D BY:

Steel Deck Test Specimen  
Plan

SHEET NO.  
1 OF 4

Larry Russell Brock, Jr.

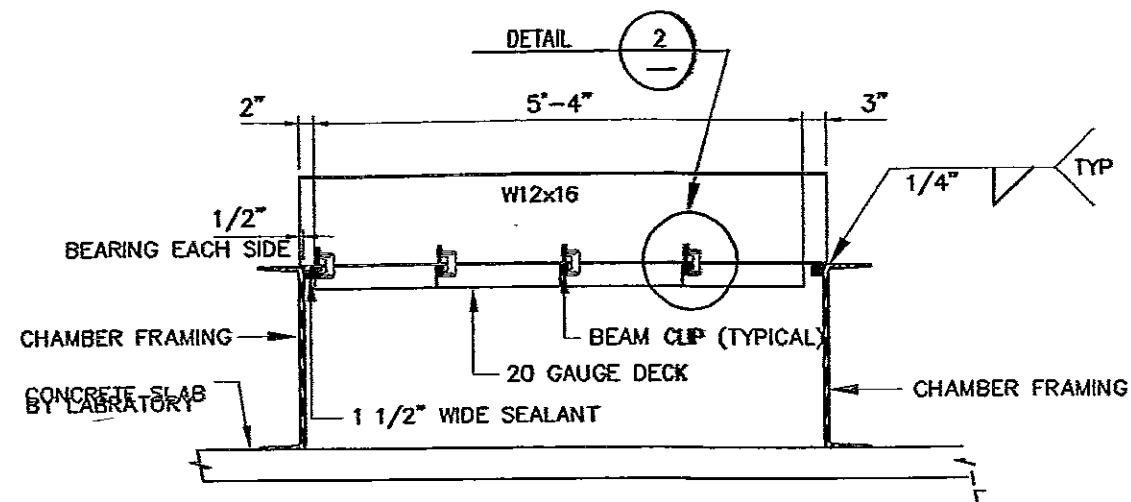
FLORIDA P.E. LICENSE NO. 55570

Telephone (704) 893-3731  
Facsimile (704) 882-3263

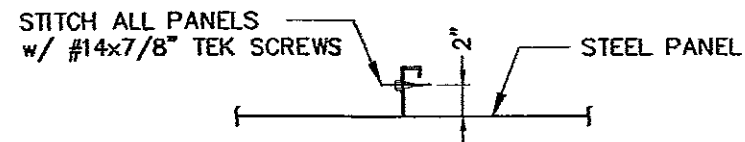
7211 Kidwelly Lane  
Matthews, NC 28104

*July R. Brock Jr.*

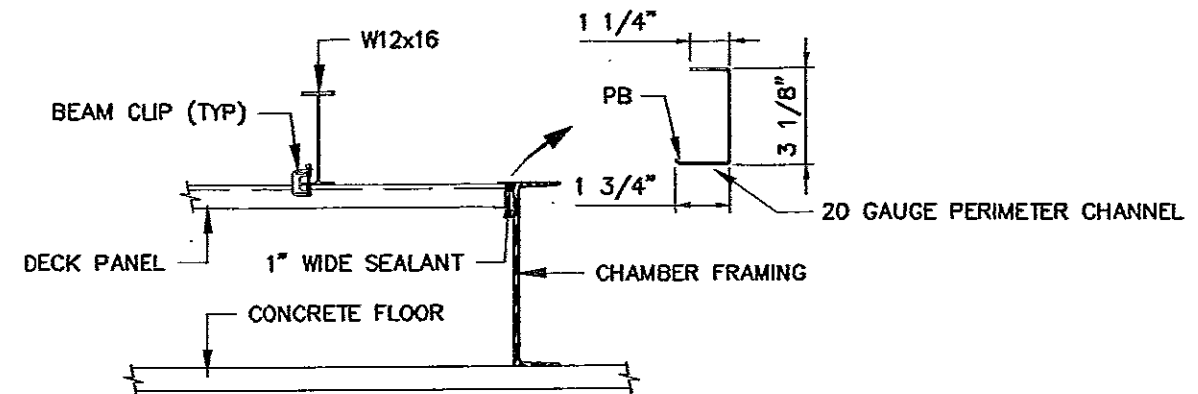
8/15/12



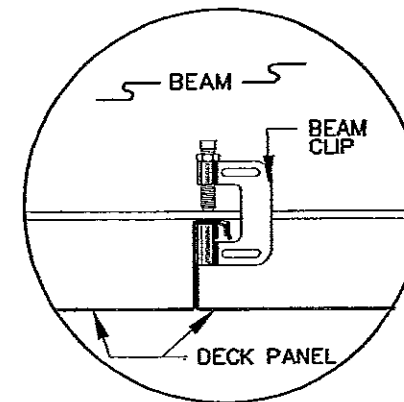
SECTION A



DETAIL 1



SECTION B



DETAIL 2

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0305.19  
Expiration Date 05/05/2017  
By *Healy A. K. K.*  
Miami Dade Product Control

Larry Russell Brock, Jr.

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Watts: (800) 526-5589

ENGINEER: NAME/FLORIDA STATE REG. #  
LARRY RUSSELL BROCK JR. / No. 55570

DRAWING NO.  
PDCTS001

McGee Corporation Test  
Construction Research Laboratory  
Dade County, Florida

SCALE:  
DATE: 8/15/2012

DRAWN BY: CAO  
CHK'D BY:

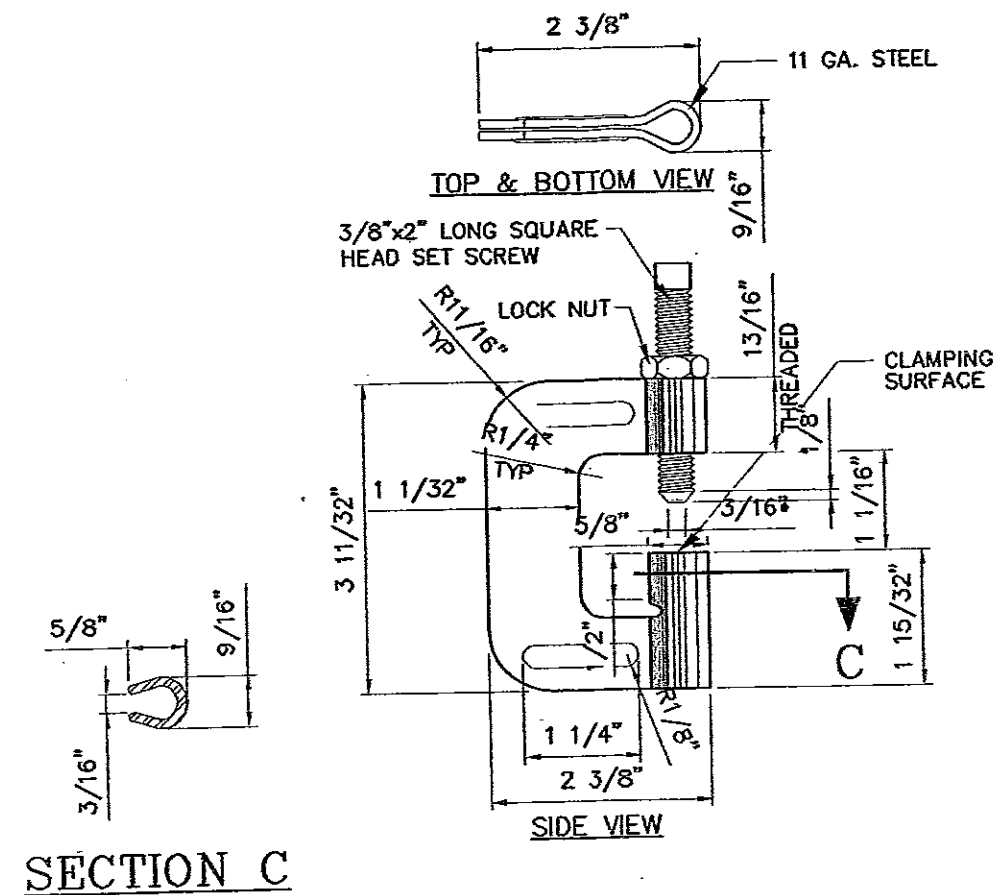
Steel Deck Test Specimen

Section & Details

SHEET NO.  
2 OF 4

*John R. Brock Jr.*

8/15/12

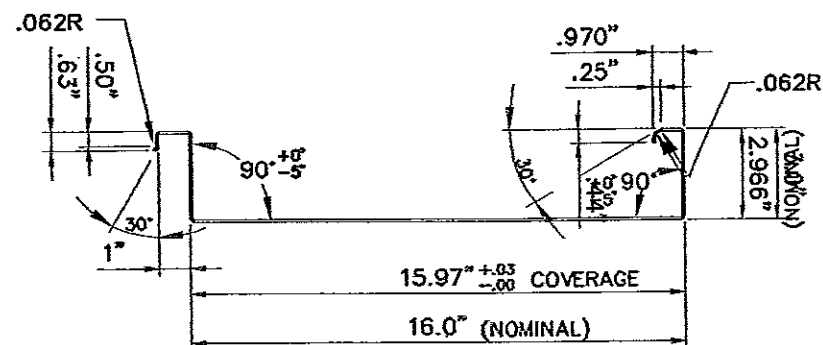


# **McGEE BEAM CLIP DETAIL** **MATERIAL:** 11 GAUGE PLATE, ASTM A526 CQ (GALVANIZED); CASE HARDENED C1018-1022 LOW CARBON STEEL WIRE SET SCREW (ZINC PLATED)

**McGEE BEAM CLIP INSTALLATION PROCEDURE:** SET BEAM CLIP WITH SET SCREW ON TOP OF BEAM FLANGE AND CLAMPING SURFACE UNDER DECK RIB. PUSH CLIP AGAINST DECK AND BEAM FLANGE WITH SET SCREW AS FAR ONTO BEAM FLANGE AS POSSIBLE. WHILE KEEPING BEAM CLIP VERTICAL, TURN SET SCREW TO SNUG TIGHT WITHOUT BURROWING INTO STEEL BEAM FLANGE. THEN PROCEED TO TURN SET SCREW 3/4 TURN (270°). TIGHTEN LOCK NUT MAKING SURE THAT BEAM CLIP REMAINS IN POSITION.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0305.19  
Expiration Date 05/05/2017  
By *[Signature]*  
Miami Dade Product Control

<p align="center"><b>Larry Russell Brock, Jr.</b></p> <p align="center"><b>FLORIDA P.E. LICENSE NO. 55570</b></p> <p>Telephone (704) 893-3731      7211 Kidwelly Lane Facsimile (704) 882-3263      Matthews, NC 28104</p>	<p><b>McGEE CORPORATION</b> 12701 East Independence Blvd. P.O. Box 1375 Matthews, NC 28106-1375 Phone: (704) 882-1500 Watts: (800) 526-5589</p>	<p>ENGINEER: NAME/FLORIDA STATE REG. # LARRY RUSSELL BROCK JR. / No. 55570</p>	<p>DRAWING NO. PDCTS001</p>	<p align="center"><i>[Signature]</i></p> <p align="right">8/15/12</p>
		<p>McGee Corporation Test Construction Research Laboratory Dade County, Florida</p> <p>SCALE:      DRAWN BY: CAO DATE: 8/15/2012      CHK'D BY:</p>		
		<p align="center">Steel Deck Test Specimen</p> <p align="center">Beam Clip Detail</p>		<p>SHEET NO. 3 OF 4</p>



## McGEE GRANDSPAN - DECK PROFILE

DECK MATERIAL: 20 GAUGE, GRADE D, HDG, G90, ASTM A446 (GALVANIZED & PAINTED)

### THE MAX. DESIGN ALLOWABLES FOR THE 20 GA. STEEL DECK 3"x16" PANEL AND THE McGEE BEAM CLIP

MAX. ALLOWABLE BENDING MOMENT OF PANEL AT SUPPORTS = 596.0 ft. lbs

MAX. ALLOWABLE BENDING MOMENT OF PANEL BETWEEN SUPPORTS = 315.0 ft. lbs.

MAX. DEFLECTION OF PANEL =  $L/180$

MAX. SUPPORT REACTION = 788.0 LBS. (FOR 2 McGEE BEAM CLIPS)(MAX. 394.0 lbs./clip)

A- THE ALLOWABLES ARE BASED ON A 16" WIDE PANEL LOADING.  
TO CALCULATE THE WIND PRESSURE PER SQUARE FOOT, MULTIPLY  
PANEL LOAD TIMES 12/16.

B- THIS 20 GA. STEEL PANEL SHALL BE USED IN THE CONSTRUCTION  
OF OPEN CANOPIES ONLY AND EACH ACTUAL CANOPY PROJECT SHALL  
BE CONSTRUCTED USING THE SAME PANEL CROSS SECTION AND SUPPORT  
DETAILS AS SHOWN IN THIS TEST. THE DESIGN OF THE PANEL SHALL  
BE IN COMPLIANCE WITH ALL OF THE MAXIMUM ALLOWABLES.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0305.19  
Expiration Date 05/05/2017  
By *Healy A. Mc*  
Miami Dade Product Control

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ENGINEER: NAME/FLORIDA STATE REG. # LARRY RUSSELL BROCK JR. / No. 55570		DRAWING NO. PDCTS001	
McGee Corporation Test Construction Research Laboratory Dade County, Florida			
SCALE:		DRAWN BY: CAO	
DATE: 8/15/2012		CHK'D BY:	
Steel Deck Test Specimen			
Deck Profile & Notes		SHEET NO. 4 of 4	

*John R. Brock*

8/15/12